

A NATIONAL-LEVEL
ONLINE TRAINING PROGRAM

**Data Visualization
Tools
for**

**Data
Analysis &
Decision
Making:**

An executive Data Visualization
Training program

REGISTRATION

Registration Fee:

For Academicians/ Professionals/
Students - INR 1500/-
(valid CoA registration required)

Others - INR 3000/-

(Other professionals without valid
CoA registration number)

(Total 35 Seats)

*Kindly mail the scanned images of proof of
payment to coatrcbhopal@gmail.com to
confirm registration.*

CONVENOR

DR. NAVNEET MUNOTH
HON. DIRECTOR, COA TRC BHOPAL

CHIEF COORDINATOR

PROF. QAMAR IRSHAD
HEAD, DEPARTMENT OF ARCHITECTURE

COURSE COORDINATORS

DR. MOHAMMAD SAQUIB, 9911792911
AR. M. AMIR KHAN, 9891010045
DR. M. ARSHAD AMEEN 9811387886

1pm -4pm

Tableau

9 - 13 Oct
2023

Power BI

*35 seats
only*

The virtual meeting link will be
shared after registration by
email.

E-certificate of the FDP shall
be sent by email on the
registered email id of the
participant upon successful
completion of the program i.e.,
by attending all sessions and
completing MCQ test
(conducted on the last day).

MCQ TIME: 4:30 to 5:30 PM

Data Visualization Tools for Data Analysis & Decision Making: Tableau and PowerBI

Preamble

Whether you're a student or a professional with years of experience, you've probably heard some of the buzz going on around the use of Data Visualization Tools within the various community.

Perhaps you want to get on board, but don't know where to start? You can empathize with the feeling of wanting to learn, but not knowing what to look up, what words to use, or where to even begin.

This workshop intent is to shed some light on the subject and serve as a springboard for future learning. In this context, the workshop will assist in understanding the fundamentals and applications of data visualization tools for data analytics and decision making.

Participant will gain hands on experience with data visualization tools, theory and application, method selection, pre and post processing required for any data.

The medium of instruction will be in English and comprises of 05 modules.

Hands-on sessions are planned for effective learning and practice of the modules, to implement Data Visualization tools and its workflows in general examples and smart city projects.

Key Take-aways:

Fundamentals and basics to advanced Data Visualization techniques and methods

Choosing the right visualization method for the right problem

Need

Data visualization helps people see, interact with, and better understand data.

Data visualization is the practice of translating information into a visual context, such as a map or graph, to make data easier for the human brain to understand and pull insights from.

The main goal of data visualization is to make it easier to identify patterns, trends and outliers in large data sets. It enables users to view, interact with, and comprehend data more effectively.

Whether simple or complex, the right visualization can bring everyone on the same page, regardless of their level of expertise.

Pre-requisites:

All the participants should have their own laptop/ computer system with good internet connectivity.

No prior knowledge about programming/software's is required as this workshop is for beginners.

Data Visualization Tools for Data Analysis & Decision Making: Tableau and PowerBI

Programme Schedule

Day	Date	Content	Tool
1	09-10-2023	Introductory Session	
		Getting started with Tableau	Tableau
		Deep dive into Tableau	
2	10-10-2023	Visual analytics and mopping concepts	Tableau
		Advanced charts, tips and tricks	
3	11-10-2023	Miscellaneous - Visualization and Formatting (Tableau)	Tableau + PowerBI
		Geospatial Data Visualization through Maps	
		Getting started with Power BI	
4	12-10-2023	Basics of Power BI	Power BI
		Styling and Data Formatting with Power BI	
5	13-10-2023	Segments and Filter PowerBI	Power BI

About the Speaker

Er. Samarjeet Salunke

Samarjeet Salunke completed his bachelor's degree in civil engineering from WIT Solapur University in Maharashtra in 2017.

Later, he also received a postgraduate degree in Geomatics Engineering from CEPT University in Ahmedabad (2019), with a focus on WebGIS, the processing and visualisation of 3D GIS data, and geospatial data automation.

He has 1.5 years of industrial experience as a project associate at Softtech Engineer Limited in Pune for the integration of GIS and BIM for building approval. He was a research fellow on the Indo-UK iNUMBER project for Ahmedabad City's Center for Advanced Research in Building Science and Energy. In addition, he worked part-time as a freelance GIS Analyst at CRE Matrix in Mumbai.

Currently he is pursuing his Ph.D. in the Civil Department, Construction Technology and Management, on Documentation of Existing Heritage Structures for Building Information Modeling Using a Geospatial techniques is the research theme.

He conducts workshops and seminars on the application of geospatial technology in planning and architecture. Working with both proprietary and open-source software allows him to be versatile.

He has experience with database design as well as system architecture integration. His has core interest in areas of 3D GIS, database setup, integration system architecture, surveying, geospatial modelling and automation.



Registration Link: <https://forms.gle/rKhoWBnZB2cQzeMF6>



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